

EXHIBIT 2



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 04/01/92

TO:
BEEHLER & PAVITT
DANIEL L. DAWES
100 CORPORATE POINTE
SUITE 330
CULVER CITY, CA 90230

RECEIVED
APR 20 1992
BEEHLER, PAVITT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON THIS NOTICE, PLEASE SEND A REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

GUGLIELMI, GUIDO

DOC DATE: 01/14/92

RECORDATION DATE: 02/24/92 NUMBER OF PAGES 004 REEL/FRAME 6030/0823

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE
300 LAKESIDE DRIVE, 22ND FLOOR
OAKLAND, CA 94612-3550

SERIAL NUMBER 7-840211 FILING DATE 02/24/92
PATENT NUMBER ISSUE DATE 00/00/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: GUIDO GUGLIELMI et al.

TITLE : IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE WIRE AND TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS

DOCKET NO.: M203a-D

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Enclosed please find:

The above captioned continuation-in-part patent application of S.N. 07/492,717, filed March 13, 1990.

Sheets Formal Drawings

Sheets Informal Drawings (6 sheets)

Combined Declaration and Power of Attorney

Small entity forms (2)

Assignments (2)

Assignment Recording fee in the amount of..... \$ 40.00

Basic Fee. Small Entity..... \$ 345.00

Total Claims = 24 -20 = 4 X \$10 = 40.00

Independent Claims = 8 -3 = 5 X \$36 = 180.00

Filing Fees (total) in the amount of: \$ 605.00

Prior Art Statement

Return Postcard

Express Mail Certificate Mailing Label No.

STATEMENT OF CANCELLATION.

The Commissioner of Patents is hereby authorized to charge the filing fee of \$605.00 to deposit account number 02-1731 and any fees which may be required under 37 CFR 1.16 and 1.17 or any additional fees which may be required by this paper, or to credit any overpayment to account number 02-1731.

Sincerely,

Daniel L. Dawes
Registration No. 27,123
BEEHLER & PAVITT
100 Corporate Pointe, Ste. 330
Culver City, California 90230
(310) 215-3183 / (714) 644-7740

Mailng Address: 07840211
P. O. Box 92400
Los Angeles, California 90009

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
12	1731
FEES CODE	VALUE PAID/REFUNDED
581	40.00

*exclus
charge ac
to finan
Daw*

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington,

D.C. 20231, on FEB. 20, 1992
(Date of Deposit)

MAUREEN VIEIRA

Date of Signature: Feb. 20, 1992

ASSIGNMENT

THIS ASSIGNMENT, by Guido Guglielmi, residing at 513 Wilshire Boulevard, Apartment 218, Santa Monica, California 90401 (hereinafter referred to as assignor), witnesseth:

WHEREAS, the said assignor has invented new and useful IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWIRE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS, set forth in an application for Letters Patent of the United States having an oath or declaration executed on even date herewith; and

WHEREAS, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA duly organized under and pursuant to the laws of the State of California, and having its principal place of business at 300 Lakeside Drive, 22nd Floor, Oakland, California 94612-3550 (hereinafter referred to as assignee) are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and in consideration of the benefits stipulated in the "University of California Policy Regarding Patents," as revised and effective as of April 16, 1990, which document is made by reference part hereof, and in fulfillment of my Patent Agreement with the University of California, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representative and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to all divisions, continuations and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the

11150301824

term or terms for which Letters Patents or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor will, whenever counsel of the said assignee, or the counsel of its successors, legal representative and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any resissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patents for said inventions, without charge to said assignee, its successors, legal representative and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and

behoof of the said assignee, its successors, legal
representatives and assigns.

Executed this 14th day of January, 1992.

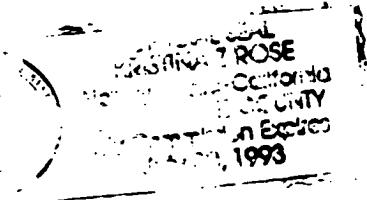
Reiko G. M.

STATE OF CALIFORNIA;)
COUNTY OF LOS ANGELES) ss

On this 14th day of January, 1992,
before me personally appeared Fuido Auguilemi, M.D.,
to me known to be the person whose name is subscribed to the
foregoing instrument, and who acknowledged that he executed
said instrument as his free and voluntary act and for the
uses and purposes therein expressed.

Kristina Z. Rose
Notary Public

SEAL



RECEIVED
FEB 24 1992

FEB 24 92



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DATE: 04/15/92

TO:
BEEHLER & PAVITT
DANIEL L. DAWES
100 CORPORATE POINTE
SUITE 330
CULVER CITY, CA 90230

RECEIVED
APR 20 1992
BEEHLER, PAVITT

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON THIS NOTICE, PLEASE SEND A REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:
SEPETKA, IVAN

DOC DATE: 02/06/92

RECORDATION DATE: 02/24/92 NUMBER OF PAGES 004 REEL/FRAME 6030/0827

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
TARGET THERAPEUTICS
130 RIO ROBLES
SAN JOSE, CA 95134-1806

SERIAL NUMBER 7-840211 FILING DATE 02/24/92
PATENT NUMBER ISSUE DATE 00/00/00



Guglielmi et al. (UC)
M203a-D
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: GUIDO GUGLIELMI et al.

TITLE : IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE WIRE AND TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS

DOCKET NO.: M203a-D

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Enclosed please find:

The above captioned continuation-in-part patent application of S.N. 07/492,717, filed March 13, 1990
 Sheets Formal Drawings
 Sheets Informal Drawings (6 sheets)
 Combined Declaration and Power of Attorney
 Small entity forms (2)
 Assignments (2)
 Assignment Recording fee in the amount of..... \$ 40.00
 Basic Fee. Small Entity..... \$ 345.00
Total Claims = 24 -20 = 4 X \$10 = 40.00
Independent Claims = 8 -3 = 5 X \$36 = 180.00
 Filing Fees (total) in the amount of: \$ 605.00
 Prior Art Statement
 Return Postcard
 Express Mail Certificate Mailing Label No.
 STATEMENT OF CANCELLATION

The Commissioner of Patents is hereby authorized to charge the filing fee of \$605.00 to deposit account number 02-1731 and any fees which may be required under 37 CFR 1.16 and 1.17 or any additional fees which may be required by this paper, or to credit any overpayment to account number 02-1731

Sincerely,

Daniel L. Dawes
Daniel L. Dawes
Registration No. 27,123
BEEHLER & PAVITT
100 Corporate Pointe, Ste. 330
Culver City, California 90230
(310) 215-3183 / (714) 644-7740

Mailing Address: 07840211
P. O. Box 92400
Los Angeles, California 90009

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
02	1731
Fee Code	Value Furnished
581	40.00

Express
Charge sent
to finance
Dear

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on FEB. 20, 1992

(Date of Deposit)

02-1731 030 581 *Maureen Vieira*

MAYREEN VIEIRA

Date of Signature: Feb. 20, 1992

810

ASSIGNMENT

THIS ASSIGNMENT, by Ivan Sepetka, residing at 1148 17th Street, Redwood City, California 94063 (hereinafter referred to as assignor), witnesseth:

WHEREAS, the said assignor has invented new and useful IMPROVEMENTS IN AN ENDOVASCULAR ELECTROLYTICALLY DETACHABLE GUIDEWISE TIP FOR THE FORMATION OF THROMBUS IN ARTERIES, VEINS, ANEURYSMS, VASCULAR MALFORMATIONS AND ARTERIOVENOUS FISTULAS, set forth in an application for Letters Patent of the United States having an oath or declaration executed on even date herewith; and

WHEREAS, TARGET THERAPEUTICS duly organized under and pursuant to the laws of the State of Delaware, and having its principal place of business at 130 Rio Robles, San Jose, California 95134-1806 (hereinafter referred to as assignee) are desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representative and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to all divisions, continuations and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the

M203a-D

term or terms for which Letters Patents or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successor, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

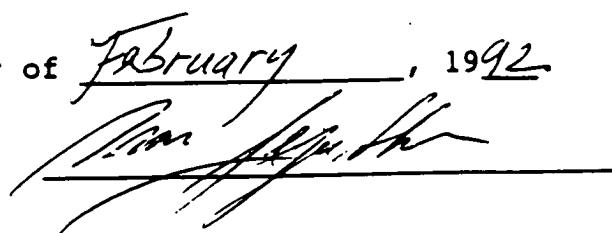
AND for the same consideration, the said assignor hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor will, whenever counsel of the said assignee, or the counsel of its successors, legal representative and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any resissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patents for said inventions, without charge to said assignee, its successors, legal representative and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and

M203a-D-829

behoof of the said assignee, its successors, legal
representatives and assigns.

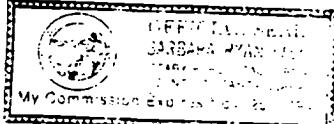
Executed this 6 day of February, 1992



STATE OF CALIFORNIA;)
COUNTY OF Santa Clara) ss

On this 6 day of February, 1992,
before me personally appeared Barbar Ryan,
to me known to be the person whose name is subscribed to the
foregoing instrument, and who acknowledged that he executed
said instrument as his free and voluntary act and for the
uses and purposes therein expressed.

SEAL



Barbar Ryan
Notary Public

00000000000000000000000000000000

RECORDED
SANTA CLARA COUNTY

FEB 24 92